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10/529,059	12/14/2005	William Marshall Stark	056646-5024	2559

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MORGAN LEWIS & BOCKIUS LLP
1111 PENNSYLVANIA AVENUE NW
WASHINGTON, DC 20004

EXAMINER

CHOWDHURY, IQBAL HOSSAIN

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Continuation of Substance of Interview including description of the general nature of what was discussed: There was an interview with the Applicants representative to amend the claims (see, proposed amendment as shown below) to place the application in condition for allowance, however, applicants representative did not agree with the proposed amendment.

Amend claims as shown below:

Claim 54 (Currently amended). The catalytic domain according to claim 70 wherein the mutations are [[correspond to]] R2A and E56K in Tn3 resolvase of SEQ ID NO: 2.

Claim 57 (Currently amended). The catalytic domain according to claim 70 wherein the mutations are [[correspond to]] R2A, E56K, D102Y, M103I and Q105L in Tn3 resolvase of SEQ ID NO: 2.

Claim 70 (Currently amended). An isolated catalytic domain of a serine recombinase which has been mutated at [[a]] positions [[corresponding to]] [[G101 of Tn3 resolvase of (SEQ ID NO: 2), and wherein said catalytic domain consists of mutations at a position corresponding to M103, R2, E56, G101, D102 and Q105 of SEQ ID NO: 2.

Claim 71 (New). An isolated catalytic domain of a serine recombinase which has been mutated, wherein said catalytic domain consists of mutations at [[a]] positions [[corresponding to]] M103, R2, E56, G101, D102, Q105, and anyone of either E124Q or E124A of Tn3 resolvase of SEQ ID NO: 2.

Claim 72 (New). An isolated catalytic domain of a serine recombinase which has been mutated, wherein said catalytic domain consists of mutations at [[a]] positions [[corresponding to]] M103, R2, E56, G101, D102, Q105, V107F, and anyone of either E124Q or E124A of Tn3 resolvase of SEQ ID NO: 2.

Cancel claim 52, 58 and 59.